

# A Multi-institutional Educational Model to Enhance Irrigation Teaching and Training

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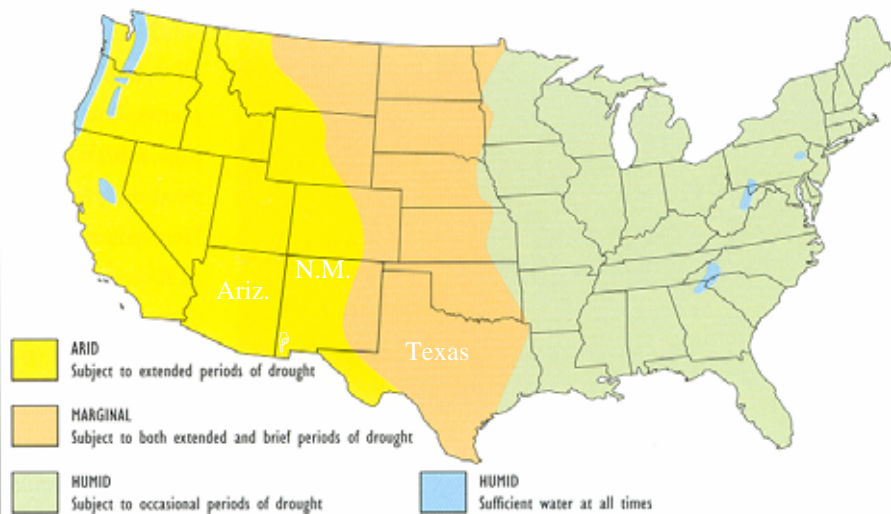
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## DROUGHT POTENTIAL IN THE CONTINENTAL UNITED STATES



## PROJECT OBJECTIVES

1. Use an educational model that fosters student diversity and enhances experiential learning to develop two new distance education courses in landscape irrigation.
2. Arrange for students and faculty to develop professionally by developing workshops, field days, and industry certifications.
3. create instructional materials in landscape irrigation that address regional, national, and international issues of conserving water in arid regions.
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## ACTIVITIES

1. Meet with the irrigation industry personnel at local, state, and national level to gather input on irrigation curricula.
2. Develop irrigation curricula for two distance education curricula with modular-hands-on activities.
3. Hand-on activities will include development of a least one modern outdoor classroom dedicated to irrigation training.
4. Arrange for faculty, students, and staff to develop professionally by developing workshops, field days, and industry certifications.
5. Create instructional materials in landscape irrigation that address regional, national, and international issues of conserving water in arid regions.

Students (265) , faculty and staff (25), irrigation industry, water conservation programs are expected beneficiaries





## Evaluation, benefits and Expected Impact

### BENEFITS

- 1) The improvement in student understanding of complex concepts in landscape irrigation.
- 2) Enhanced protection of managed landscapes and decreased water use in a desert environment.
- 3) The establishment of a permanent outdoor classroom dedicated to landscape teaching and training that will be a model for landscape irrigation faculty nationwide.
- 4) An increase in the number of certified landscape irrigation professionals.
- 5) A better working relationships with irrigation associations and irrigation product manufacturers and distributors.

Improve student enrollment in irrigation by at least 10%.